

Claims

I Claim:

1. An apparatus to provide compartments of variable size and shape within an automobile trunk comprising:

a plurality of shaft housings,

a plurality of slideable shafts, and

a plurality of lockable pins;

wherein

said slideable shafts provide keyed apertures for the insertion of said lockable pins,

said shaft housings slideably receive said slideable shafts

said lockable pins are slideably insertable into said keyed apertures in said slideable shafts

said lockable pins provide springs which compel frictional engagement between said slideable shafts and said shaft housings when said lockable pins are slideably inserted into said keyed apertures in said slideable shafts

each of said shaft housings provide a plurality of lateral connection flanges

each of said lateral connection flanges provides a keyed aperture

said lockable pins are slideably insertable into said keyed aperture in said lateral connection flange

any one of said slideable shafts is connectable to any one of said plurality of lateral connection flanges by slideable insertion of one of said lockable pins through both said keyed aperture in said one of said slideable shafts and said keyed aperture in said one of

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said plurality of said lateral connection flanges, and
any two of said shaft housings are connectable to one another by slideably inserting
opposite ends of one of said slideable shafts into each of said two of said shaft housings
and then slideably inserting said lockable pins in said keyed aperture in each of said
opposite ends;

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whereby the placement of the interconnected assembly of said shaft housings and of said
slideable shafts to said lateral connection flanges into said automobile trunk creates said
compartments.

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- 5 2. The invention of Claim 1 wherein said shaft housings are of two lengths only.
3. The invention of Claim 1 additionally comprising
- horizontal supports
- wherein
- 10 said horizontal supports provide a lower surface covered with the hook portion of a hook
- and loop system to interact with the carpet of said automobile trunk, and
- said horizontal supports are locatable by the user adjacent any of said sideable shafts and
- said shaft housings.

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5 4. The invention of Claim 1 wherein said lockable key comprises
a handle,
a flange,
a shaft,
a first spring,
10 a second spring, and
two depressible balls,
wherein
said handle is connected to the top of said flange,
said shaft is connected to the bottom of said flange,
15 said shaft provides two lateral appendages,
said first spring is coiled around said shaft between said flange and said two lateral
appendages,
said shaft terminates in a tapered region,
said tapered region provides apertures through which said depressible balls depend, and
20 said second spring is mounted internal to said shaft and acts to push said depressible balls
outwardly through said apertures.

5 5. A lockable key comprising
a handle,
a flange,
a shaft,
a first spring,
10 a second spring, and
two depressible balls,
wherein
said handle is connected to the top of said flange,
said shaft is connected to the bottom of said flange,
said shaft provides two lateral appendages,
said first spring is coiled around said shaft between said flange and said two lateral
appendages,
said shaft terminates in a tapered region,
said tapered region provides apertures through which said depressible balls depend, and
said second spring is mounted internal to said shaft and acts to push said depressible balls
outwardly through said apertures.